

ORIGINAL

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

STIPULATED AGREEMENT

T02-0073

This agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission, hereinafter referred to as the "Commission", the Elgin, Joliet and Eastern Railway Company, hereinafter referred to as the "Company", the County of Lake, hereinafter referred to as the "County", and the State of Illinois, Department of Transportation, hereinafter referred to as the "Department".

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through staff investigation that inquiry should be made into the matter of improving public safety at the crossings of the Company's track with public highways known as Cuba Road located in Lake Zurich, and Gilmer Road and Old Mc Henry Road located near Hawthorne Woods, all located in Lake County, Illinois, designated as crossings DOT 260 511B, milepost 22.44; DOT 260 500N, milepost 17.09; and DOT 260 503J, milepost 18.56, respectively; and

WHEREAS, proper investigation has been made of the circumstances surrounding the aforesaid crossings by a staff member of the Commission's Transportation Division, Railroad Section; and

WHEREAS, the physical aspects, including geometrics of the intersections, train movements, vehicular traffic volumes, and sight distances and all other pertinent data relating to the crossings has been obtained and shown on Exhibits A, A-1 and A-2 attached to the agreement; and

WHEREAS, the parties are mutually agreeable to accomplish the proposed improvements upon a determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the statewide traveling public the Grade Crossing Protection Fund of the Motor Fuel Tax Law be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

Section 1 All improvements encompassed by this agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and Orders and

procedures in general.

Section 2 The parties are of the opinion that the proper improvements in the interest of public safety at the aforesaid crossings should be:

CUBA ROAD

- a) The Company shall remove the existing automatic flashing light signals and install new automatic flashing light signals and gates with LED signal units, controlled by constant warning time circuitry;
- b) The Company shall install a high type crossing surface. The crossing shall be on the Departments approved list of crossings.

GILMER ROAD

- c) The Company shall remove the existing automatic flashing light signals and install new automatic flashing light signals and gates with LED signal units, controlled by constant warning time circuitry;

OLD MC HENRY ROAD

- d) The Company shall remove the existing automatic flashing light signals and install new automatic flashing light signals and gates with LED signal units, controlled by existing constant warning time circuitry.

Section 3 The Company has prepared preliminary estimates of cost which are attached as Exhibits B, B-1, B-2 and B-3 to accomplish the proposed improvements which it may be required to perform; The Company shall upon Order, according to the requirements contained therein, prepare detailed drawings, detailed circuit plans, estimates of cost, and any required specifications for the proposed improvements for the approval of the Commission and Department.

Section 4 The Company shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with its own forces or appropriate contracted services and agrees that an appropriate time for the submission of plans should be one hundred twenty (120) days, for the submission of progress reports should be six (6) months and for the completion of the proposed improvements should be twelve (12) months, from the date of Commission Order subsequent to this agreement.

Section 5 The parties hereto agree that an equitable division of cost for the proposed improvements should be:

CUBA ROAD

- a) The cost to install automatic flashing light signals and gates controlled by constant warning time circuitry, estimated at \$161,347.14, should be allocated whereby the Department utilizing federal funding under TEA-21, should pay 70% of the actual project cost (not to exceed \$112,943.14); the Grade Crossing Protection Fund (Fund) should bear 30% of said project cost (not to exceed \$48,404), with the Company bearing any remaining cost after payment from TEA-21 and the Fund, as well as all future operation and maintenance costs thereof;
- b) The Cost to install the new high type crossing surface estimated at \$ 75,190 should be allocated whereby the Department utilizing federal funding under TEA-21, should pay 50% of the actual project cost; with the Company bearing any remaining cost after payment from TEA-21 as well as all future maintenance costs thereof;

GILMER ROAD

- c) The cost to install automatic flashing light signals and gates controlled by constant warning time circuitry, estimated at \$163,725.18, should be allocated whereby the Department utilizing federal funding under TEA-21, should pay 70% of the actual project cost (not to exceed \$114,607.18); the Grade Crossing Protection Fund (Fund) should bear 30% of said project cost (not to exceed \$49,118), with the Company bearing any remaining cost after payment from TEA-21 and the Fund, as well as all future operation and maintenance costs thereof;

OLD MC HENRY ROAD

- d) The cost to install automatic flashing light signals and gates estimated at \$59,858.18, should be allocated whereby the Department utilizing federal funding under TEA-21, should pay 70% of the actual project cost (not to exceed \$41,901.18); the Grade Crossing Protection Fund (Fund) should bear 30% of said project cost (not to exceed \$17,957), with the Company bearing any remaining cost after payment from TEA-21 and the Fund, as well as all future operation and maintenance costs thereof;

Section 6 Special Provisions: Since federal funding is being utilized for the warning device improvements at the subject crossings, all such work shall be covered by appropriate provisions of Title 23, Chapter I, Subchapter G, Part 646 of the Federal-Aid Policy Guide adopted Dec. 9, 1991.

Since the warning device improvement at the subject crossings will be performed by railroad crews, no flagging or contractor liability insurance will be required for said work.

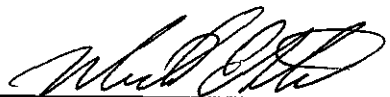
The Company shall at six (6) month intervals from the date of Commission Order issued subsequent to this Agreement until the project is completed, file a written report with the Director of Processing and Information, Transportation Division of the Commission, stating the status of expenditures of the project and the percentage of completion of the project. If the project is behind schedule the report must include a brief explanation of the reason(s) for the delay.

All bills for expenditures authorized to be reimbursed from the Grade Crossing Protection Fund shall be submitted to Mr. Henry Cronister, Bureau of Local Roads and Streets, Main Office, Illinois Department of Transportation at 2300 South Dirksen Parkway, Room 205, Springfield, Illinois, 62764. The Department shall send a copy of each bill received to the Director of Processing and Information, Transportation Division of the Commission. The final bill for expenditures from each party shall be clearly marked "Final Bill". All bills shall be submitted to the Department and Commission no later than twenty-four (24) months from the date of Commission Order subsequent to this agreement. Authorization for reimbursement from the Grade Crossing Protection Fund shall expire twelve (12) months after the completion date specified in the Order. The Department shall, at the end of the 24th month from the Commission's Order date, de-obligate all residual funds accountable for installation costs for this project.

The Company shall at six (6) month intervals from the date of Commission's Order subsequent to this Agreement, submit written reports to the Director of Processing and Information, Transportation Division of the Commission, stating the progress it has made toward completion of the work herein required. Each progress report shall include the Commission Order number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number and facsimile number of the Company employee responsible for management of the project.

In Witness Whereof, the parties have caused this agreement to be executed by their duly authorized officers, as of the dates indicated herein.

Executed by the Commission this 17th day of January, 2002.



Michael E. Stead
Railroad Safety Program Administrator

Attest:



Henry Humphries,
Railroad Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 973 concerning improvements at the crossings of the Elgin, Joliet and Eastern Railway Company's track with public highways known as Cuba Road located in Lake Zurich, and Gilmer Road and Old Mc Henry Road located near Hawthorne Woods, all located in Lake County, Illinois, designated as crossings DOT 260 511A, milepost 22.44; DOT 260 500N, milepost 17.09; and DOT 260 503J, milepost 18.56, respectively.

Executed by the Company this 25th day of January 2002.

THE ELGIN, JOLIET AND EASTERN
RAILWAY COMPANY

By:

Dennis R Ojard

Attest:

Marilyn B Elliott

Illinois Commerce Commission Stipulated Agreement No. 973 concerning improvements at the crossings of the Elgin, Joliet and Eastern Railway Company's track with public highways known as Cuba Road located in Lake Zurich, and Gilmer Road and Old Mc Henry Road located near Hawthorne Woods, all located in Lake County, Illinois, designated as crossings DOT 260 511B, milepost 22.44; DOT 260 500N, milepost 17.09; and DOT 260 503J, milepost 18.56, respectively.

Executed by the County this 17th day of June 2002.

COUNTY OF LAKE

By: _____

[Signature]

RECOMMENDED FOR EXECUTION:

[Signature]

Martin G. Buehler
County Engineer

Attest:

Willard R. Helander

Illinois Commerce Commission Stipulated Agreement No. 973 concerning improvements at the crossings of the Elgin, Joliet and Eastern Railway Company's track with public highways known as Cuba Road located in Lake Zurich, and Gilmer Road and Old Mc Henry Road located near Hawthorne Woods, all located in Lake County, Illinois, designated as crossings DOT ~~260 511A~~^{260 511B} milepost 22.44; DOT 260 500N, milepost 17.09; and DOT 260 503J, milepost 18.56, respectively.

Executed by the Department this 3rd day of July 2002.

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

By:

James G. Easterday
Director of Highways

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line EJ&E Milepost 22.44 Inventory # 260 511A
City (N) Lake Zurich Street Cuba Road County Lake
Jurisdiction County Urban Rural XX Commercial Residential
Street Surface Asphalt Width 22' Condition Good
Angle 54° Tracks Tangent Yes Degree of Curve -- Superelevation -
Depth of Cut ----- Height of Fill -----

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Rubber</u>	<u>42'</u>	<u>Good</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' None 200' None
Traffic Control Devices Present None
ADT 8,600 Speed 40 mph (posted) Statewide Yes
Schoolbuses 6 Hazardous Materials Yes Other ----
Rail Traffic: Ft. 6 @ 45 mph Pass. -- @ -- mph Switch Yes
Simultaneous Movements No Daylight and Dark Yes
Present Protection AFLS

Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

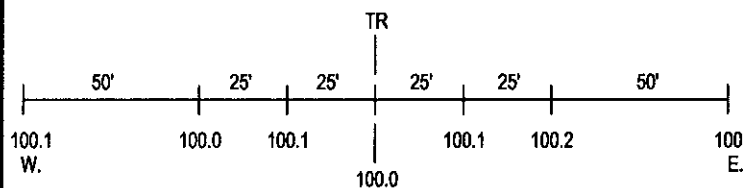
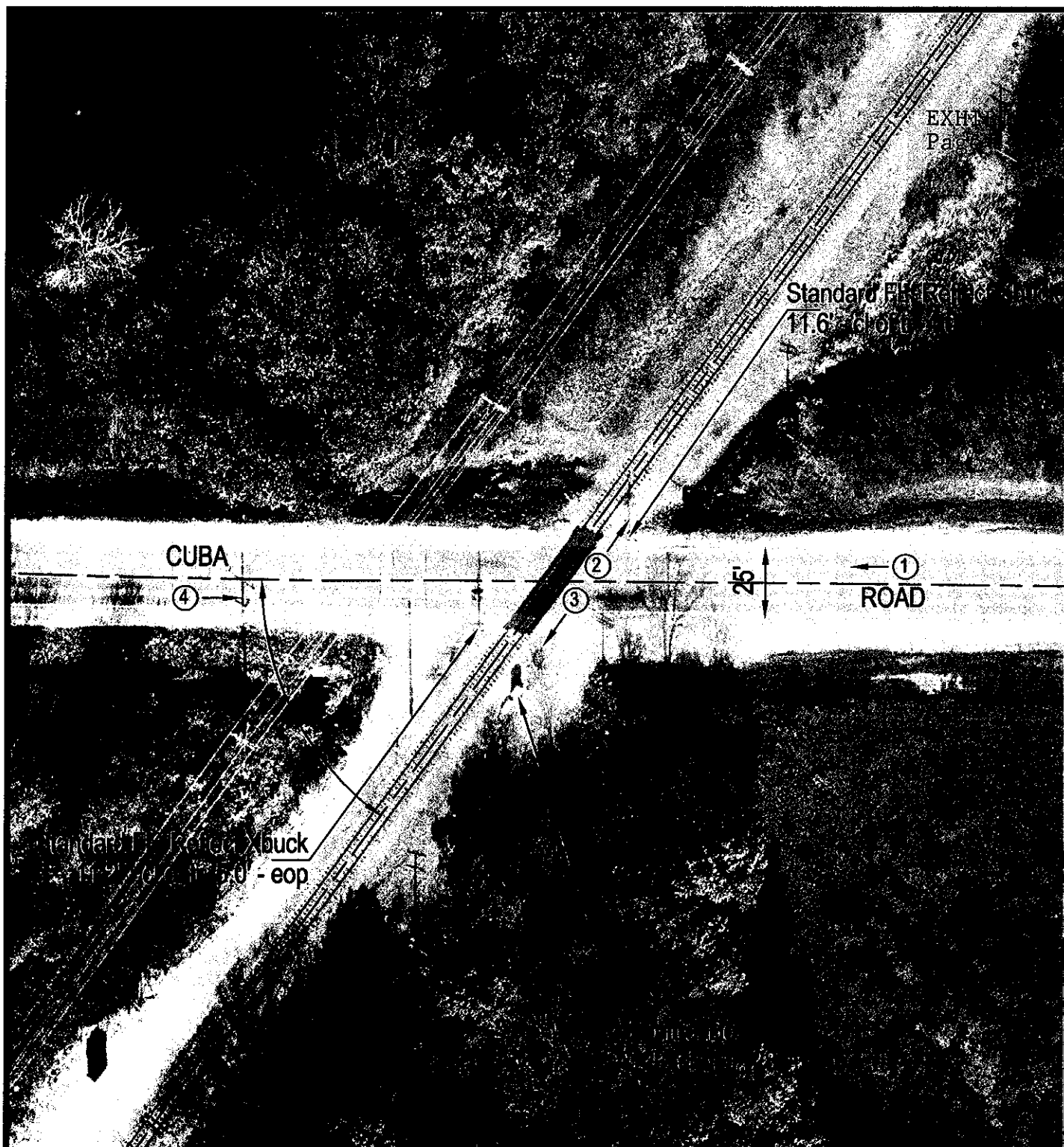
Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE	N/A			N/A
NW	N/A			N/A
SE	N/A			N/A
SW	N/A			N/A

Approach Grades

East	<u>Meets</u>	<u>92</u>	<u>%</u>	<u>Ill</u>	<u>Adm</u>	<u>%</u>	<u>Code</u>	<u>1535</u>	<u>%</u>
West	<u>"</u>	<u>"</u>	<u>%</u>	<u>"</u>	<u>"</u>	<u>%</u>	<u>"</u>	<u>"</u>	<u>%</u>

Comments: _____

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ROAD PROFILE



SCALE IN FEET

50 0 50

(3) Photo Location

Crossing #: 260511B

Location: Lake Co., City of Lake Zurich (I)

Lat/Long: 42°10'32" / 88°06'39"

Railroad: EJE

Street: Cuba Road

Railroad Milepost: 51.56

Crossing Protection: Train Activated Devices

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line EJ&E Milepost 17.09 Inventory # 260 500N
City (N) Hawthorne Woods Street Gilmer Road County Lake
Jurisdiction County Urban XX Rural Commercial Residential
Street Surface Asphalt Width 23'-6" Condition Fair
Angle 70° Tracks Tangent Yes Degree of Curve -- Superelevation -
Depth of Cut Height of Fill

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Rubber</u>	<u>42'</u>	<u>Fair</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' Pvt. Home driveways 200' driveways
Traffic Control Devices Present None
ADT 15,850 Speed 45mph (posted) Statewide Yes
Schoolbuses 10 Hazardous Materials Yes Other ----
Rail Traffic: Ft. 6 @ 45 mph Pass. -- @ -- mph Switch Yes
Simultaneous Movements No Daylight and Dark Yes
Present Protection AFLS

Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

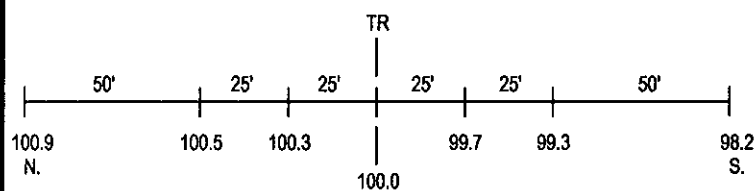
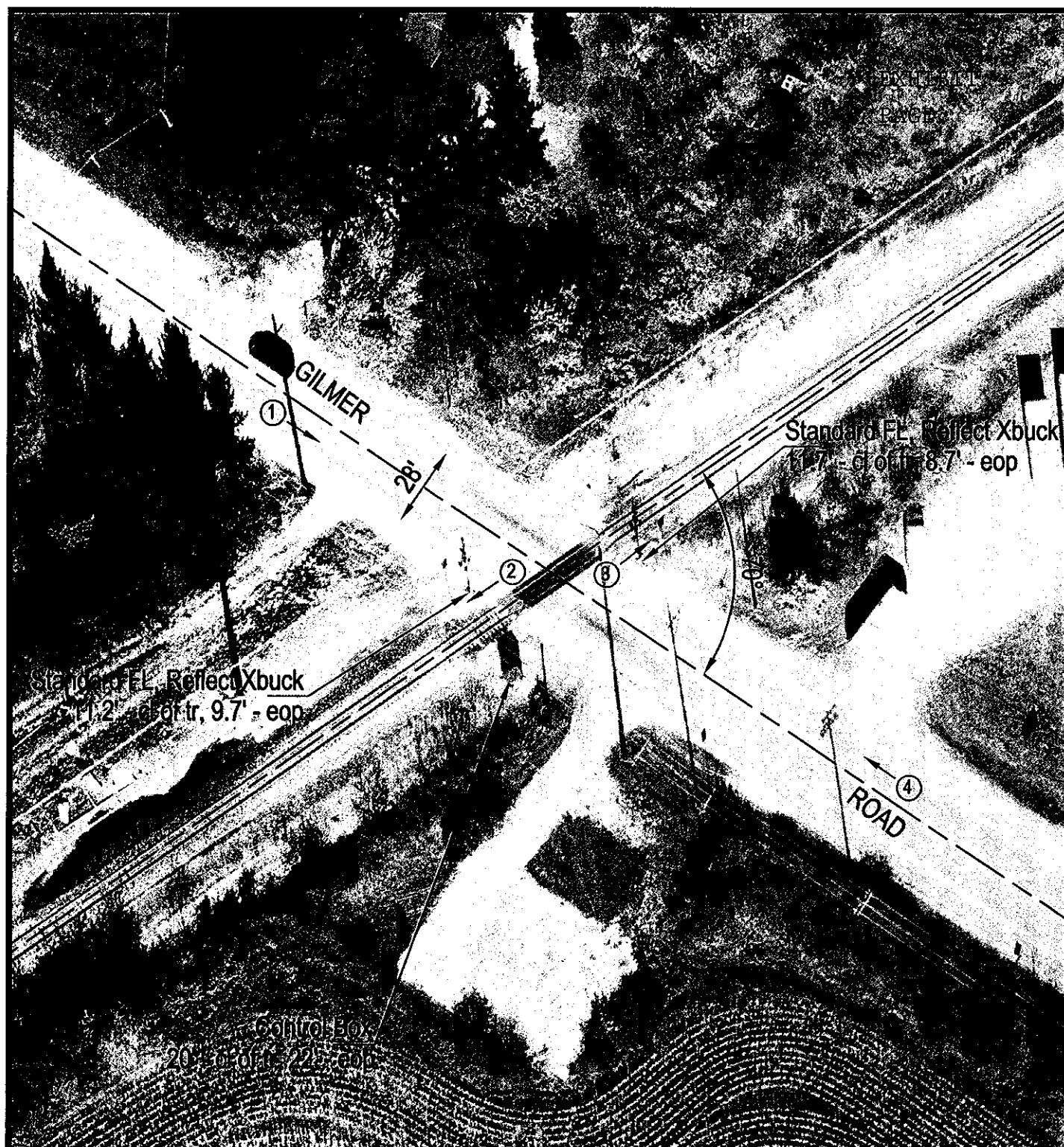
Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE	N/A		N/A	
NW	N/A		N/A	
SE	N/A		N/A	
SW	N/A		N/A	

Approach Grades

East	<u>Meets</u>		<u>92</u>	%	<u>Ill</u>		<u>Adm.</u>	%	<u>Code</u>		<u>1535</u>	%
West	<u>"</u>		<u>"</u>	%	<u>"</u>		<u>"</u>	%	<u>"</u>		<u>"</u>	%

Comments: _____

[illegible]



ROAD PROFILE



SCALE IN FEET



③ Photo Location

Crossing #: 260500N

Location: Lake Co., City of Hawthorn Woods (N)

Lat/Long: 42°14'05" / 88°02'45"

Railroad: EJE

Street: Gilmer Road

Railroad Milepost: 17.09

Crossing Protection: Train Activated Devices

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line EJ&E Milepost 18.56 Inventory # 260 503J
 City (N) HawthorneWoods Street Old McHenry Rd. County Lake
 Jurisdiction County Urban XX Rural Commercial Residential
 Street Surface Asphalt Width 66' - F-F Condition Good
 Angle 70° Tracks Tangent Yes Degree of Curve -- Superelevation -
 Depth of Cut ----- Height of Fill -----

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Concrete</u>	<u>68'</u>	<u>Good</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' Church Ent. 200' Pvt.
 Traffic Control Devices Present None
 ADT 18,860 Speed 40mph (posted) Statewide Yes
 Schoolbuses 10 Hazardous Materials Poss. Other ---
 Rail Traffic: Ft. 6 @ 45 mph Pass. -- @ -- mph Switch Yes
 Simultaneous Movements No Daylight and Dark Yes
 Present Protection AFLS

Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

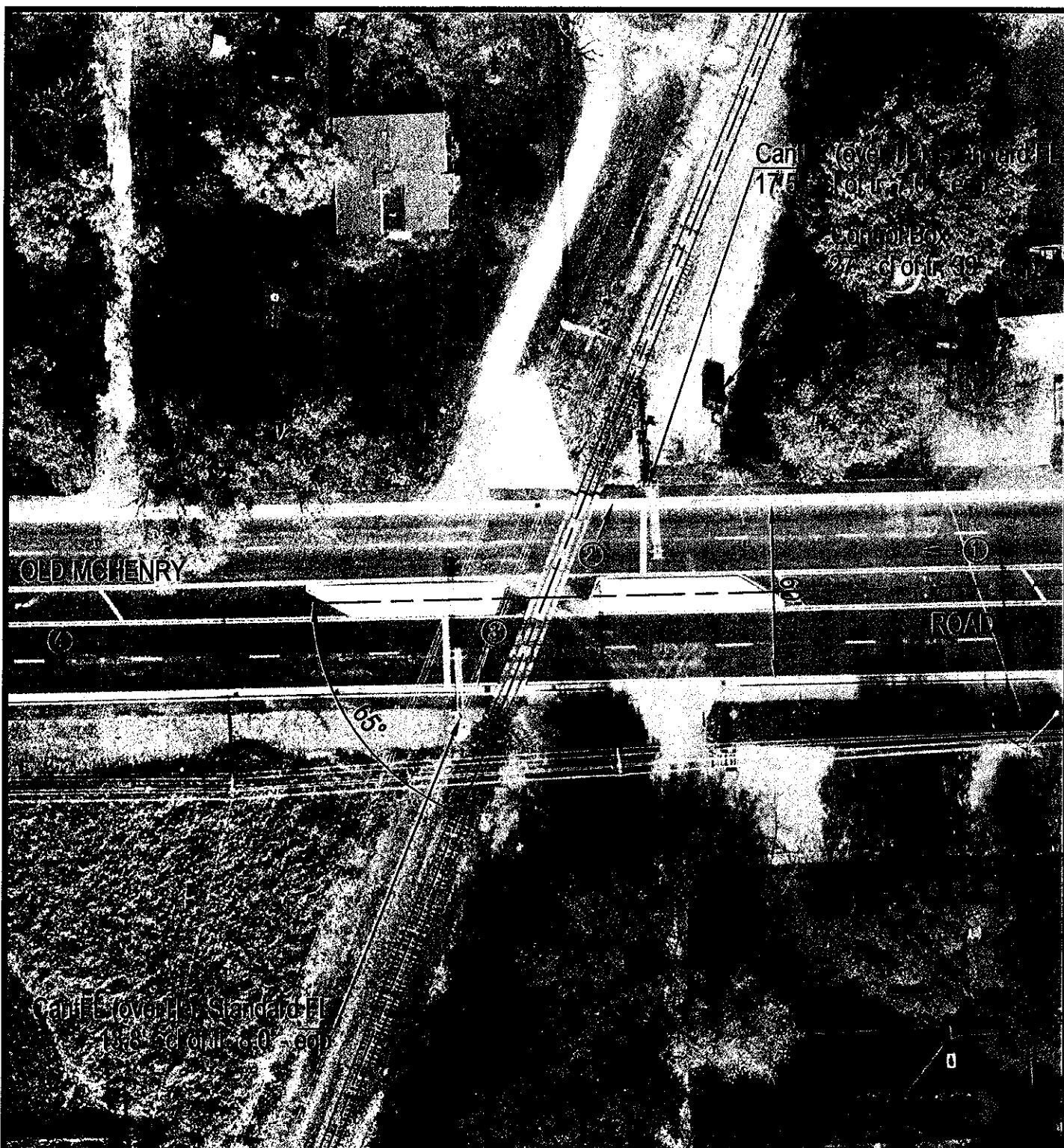
Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE	N/A		N/A	
NW	N/A		N/A	
SE	N/A		N/A	
SW	N/A		N/A	

Approach Grades

East	<u>Meets</u>	<u>92</u>	<u>%</u>	<u>Ill.</u>	<u>Adm.</u>	<u>%</u>	<u>Code</u>	<u>1535</u>	<u>%</u>
West	<u>"</u>	<u>"</u>	<u>%</u>	<u>"</u>	<u>"</u>	<u>%</u>	<u>"</u>	<u>"</u>	<u>%</u>

Comments: _____

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<p>ROAD PROFILE</p> <p>SCALE IN FEET</p> <p>50 0 50</p>	<p>Crossing #: 260503J</p> <p>Location: Lake Co., City of Hawthorn Woods (N)</p> <p>Lat/Long: 42°13'09" / 88°03'48"</p> <p>Railroad: EJE</p> <p>Street: Old Mchenry Road</p> <p>Railroad Milepost: 18.56</p> <p>Crossing Protection: Train Activated Devices</p>
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DETAILED ESTIMATEName of Carrier:
Elgin, Joliet & Eastern Railway CompanyDate:
27-Nov-01

Page 1 of 2

Description and Location of Project:Install New Predictor Crossing Protection System and Add Gates at the Cuba Road Crossing,
Lake Zurich, Lake County, Illinois- EJ&E Western SubdivisionAAR/DOT#:
260 611BMilepost:
51.56Location:
Cuba Road Crossing

Description	Unit	# of Units	Unit Cost	Material Cost	Labor	Total
<u>MATERIAL:</u>						
Crossing Protection System Complete- To Include HXP Predictor, Gates, LED Flashing Lights, Solid State Crossing Controls, Chargers, Batteries, Electronic Bells, Data Recorder, Remote Crossing Monitoring System, Bungalow, Foundations & Associated Hardware	Lot	1	85,000.00	85,000.00		
Signal Cable 2/C #6 AWG Twist Track Wire	Ft.	1000	1.25	1,250.00		
Signal Cable 7/C #6 AWG - Gate	Ft.	500	5.60	2,800.00		
Signal Cable 5/C #9 AWG - Gate	Ft.	500	5.00	2,500.00		
Power Cable 2/C #6 AWG	Ft.	250	5.00	1,250.00		
Other Miscellaneous Material	Lot	1	1,000.00	1,000.00		
Material Subtotal				93,800.00		
Handling (%) 5				4,690.00		
<u>Material Total:</u>				<u>98,490.00</u>		98,490.00
<u>LABOR:</u>						
Signalman	MH	1000	19.56		19,560.00	
Signal Foreman	MH	120	19.56		2,347.20	
C&E Lineman	MH	50	19.56		978.00	
Engineering and Accounting	lot	1	2,500.00		2,500.00	
Labor Subtotal					25,385.20	
Add Fringe (%) 68					17,261.94	
<u>Labor Total:</u>					<u>42,647.14</u>	42,647.14

Page 2
Cuba Road Estimate
27-Nov-01

OTHER:

Equipment Cost	lot	1	15,210.00	15,210.00
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(Based on Total Hours)

Underground Conduit Bore	Lot	1	5,000.00	5,000.00
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<u>Other Total:</u>			<u>20,210.00</u>	<u>20,210.00</u>
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Net Project Expenditure:

161,347.14

Figured By: J. Jevtic
Checked By: T. W. Hunter

DETAILED ESTIMATE

Name of Carrier:
Elgin, Joliet & Eastern Railway Company

Date:
27-Nov-01

Page 1 of 2

Description and Location of Project:

Install New Predictor Crossing Protection System and Add Gates at the Gilmer Road Crossing, Hawthorne Woods, Lake County, Illinois- EJ&E Western Subdivision

AAR/DOT#: 260 500N	Milepost: 56.91	Location: Gilmer Road Crossing				
Description	Unit	# of Units	Unit Cost	Material Cost	Labor	Total
<u>MATERIAL:</u>						
Crossing Protection System Complete- To Include HXP Predictor, Gates, LED Flashing Lights, Solid State Crossing Controls, Chargers, Batteries, Electronic Bells, Data Recorder, Remote Crossing Monitoring System, Bungalow, Foundations & Associated Hardware	Lot	1	85,000.00	85,000.00		
Signal Cable 2/C #6 AWG Twist Track Wire	Ft.	1000	1.25	1,250.00		
Signal Cable 7/C #6 AWG - Gate	Ft.	500	5.60	2,800.00		
Signal Cable 5/C #9 AWG - Gate	Ft.	500	5.00	2,500.00		
Power Cable 2/C #6 AWG	Ft.	250	5.00	1,250.00		
Electrical Service Materials	Lot	1	1,500.00	1,500.00		
Other Miscellaneous Material	Lot	1	1,000.00	1,000.00		
				95,300.00		
				4,765.00		
				<u>Material Total:</u>		100,065.00
<u>LABOR:</u>						
Signalman	MH	1000	19.56		19,560.00	
Signal Foreman	MH	120	19.56		2,347.20	
C&E Lineman	MH	100	19.56		1,956.00	
Engineering and Accounting	lot	1	2,000.00		2,000.00	
					25,863.20	
					17,586.98	
					<u>Labor Total:</u>	43,450.18

Page 2
Gilmer Road Estimate
27-Nov-01

OTHER:

Equipment Cost	lot	1	15,210.00	15,210.00
(Based on Total Hours)				

Underground Conduit Bore	Lot	1	5,000.00	5,000.00	
	<u>Other Total:</u>			<u>20,210.00</u>	20,210.00

Net Project Expenditure:

163,725.18

Figured By: J. Jevlovic
Checked By: T. W. Hunter

DETAILED ESTIMATE

Name of Carrier:
Elgin, Joliet & Eastern Railway Company

Date:
27-Nov-01

Page 1 of 2

Description and Location of Project:

Add Gates to the Existing Crossing Protection System at the Old McHenry Road Crossing, AAR DOT # 260 503J, Milepost 55.44, Hawthorne Woods, Illinois

AAR/DOT#:	Milepost:	Location:
260 503J	55.44 WSD	Old McHenry Road

Description	Unit	# of Units	Unit Cost	Material Cost	Labor	Total
<u>MATERIAL:</u>						
Two Complete Gate Mechanism Assemblies- To Include Gate Mechanisms, Gate Masts, LED Flashing Lights, Bells and Foundations	Lot	2	9,500.00	19,000.00		
Railway Company EZ Gate Arms	Each	2	600.00	1,200.00		
Solid State Crossing Controls (VLG- 1 & XLC- 2)	Lot	1	4,500.00	4,500.00		
Cragg Charger- 40 Amp	Each	1	750.00	750.00		
Batteries 320 AH	Each	7	250.00	1,750.00		
Signal Gate Cable 7/C #6 AWG	Ft.	500	5.60	2,800.00		
Signal Gate Cable 7/C #9 AWG	Fl.	500	4.60	2,300.00		
Other Miscellaneous Material	Lot	1	1,000.00	1,000.00		
				Material Subtotal		
				33,300.00		
				Handling (%) 5		
				1,665.00		
				<u>Material Total:</u>		34,965.00
<u>LABOR:</u>						
Signalman	MH	400	19.56		7,824.00	
Signal Foreman	MH	80	19.56		1,564.80	
Engineering and Accounting	lot	1	2,000.00		2,000.00	
				Labor Subtotal		
				11,388.80		
				Add Fringe 0.68		
				7,744.38		
				<u>Labor Total:</u>		<u>19,133.18</u>
						19,133.18

2001
VAC

Page 2
Old McHenry Road
27-Nov-01

OTHER:

Equipment Cost	lot	1	5,760.00	5,760.00	
(Based on Total Hours)					5,760.00

Net Project Expenditure:

59,858.18

Figured By: J. Jevtovic
Checked By: T. W. Hunter

Cuba Road Renewal Estimate DOT/AAR 260 511B

<u>Labor</u>	<u>Units/Hour</u>	<u>Unit/Cost</u>	<u>Cost</u>	<u>Total</u>
Track Foreman	54	\$ 20.24	\$ 1,092.96	
RMO	80	\$ 18.93	\$ 1,514.40	
Track Labor	190	\$ 16.96	\$ 3,222.40	
Crane Operator	120	\$ 19.66	\$ 2,359.20	
B&B Foreman	60	\$ 20.24	\$ 1,214.40	
B&B Carpenter	220	\$ 18.85	\$ 4,147.00	
Signal Maintaner	30	\$ 20.25	\$ 607.50	
Welder Foreman	24	\$ 20.24	\$ 485.76	
Welder	24	\$ 18.65	\$ 447.60	
Sub-Total			\$15,091.22	
Labor Additive @ 71.33%			\$10,764.57	
Per Diem for 20 days @ \$35.			\$ 700.00	
				\$ 26,555.79

<u>Material</u>	<u>Units</u>	<u>Unit/Cost</u>	<u>Cost</u>	
Boutet Kits	4	\$ 125.00	\$ 500.00	
Rail 136#	160	\$ 14.50	\$ 2,320.00	
Switch Ties 9'	53	\$ 36.00	\$ 1,908.00	
Pandrol Plates	80	\$ 14.00	\$ 1,120.00	
Tie Plates	26	\$ 5.20	\$ 135.20	
132/136 Offsets	4	\$ 150.00	\$ 600.00	
Ballast/ Granite	150	\$ 13.50	\$ 2,025.00	
Rubber Crossing	42	\$ 175.00	\$ 7,350.00	
Misc. Material/Blackto	1	\$4,000.00	\$ 4,000.00	
Sub-Total			\$19,958.20	
Material Additive @ 15%			\$ 2,993.73	
Sub-Total			\$22,951.93	
Sales Tax @ 6.2%			\$ 1,423.02	
Estimated Material				\$ 24,374.95

<u>Equipment</u>	<u>Units/Day</u>	<u>Unit/Cost</u>	<u>Cost</u>	
Payloader	5	\$ 350.00	\$ 1,750.00	
Crane	3	\$1,200.00	\$ 3,600.00	
Dump Truck	5	\$ 75.00	\$ 375.00	
Tamper	2	\$1,123.00	\$ 2,246.00	
Ballast Regulator	2	\$ 532.00	\$ 1,064.00	
Gang Truck	10	\$ 75.00	\$ 750.00	
Air Compressor	5	\$ 80.00	\$ 400.00	
Total Estimated Equipment				\$ 10,185.00
Signage Contractor				\$ 6,000.00
Contingencies @ +/- 12%				\$ 8,074.00
Total Estimated Cost				\$ 75,190.00